

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning at page 5, line 14, with the following rewritten paragraph:

-- The powdered material consists of a calcium based, basic ceramic powder of aluminates, silicates, phosphates, sulphates and combinations thereof, preferably aluminates. According to the invention, the powdered material comprises water soluble phosphate or a phase that ~~has the capacity to form water soluble~~ forms phosphate ions during hydration, whereby the cement system exhibits the capacity during hydration to form apatite. --

Please replace the paragraph beginning at page 8, line 9, with the following rewritten paragraph:

-- The hydration liquid consists of an aqueous liquid that according to the invention comprises water soluble phosphate or a phase that ~~has the capacity to form water soluble~~ forms phosphate ions during hydration, whereby the cement system exhibits the capacity during hydration to form apatite.--

Please replace the paragraph beginning at page 10, line 13, with the following rewritten paragraph:

-- It is preferred for an extra good bonding to the tooth/bone, that the dental filling material/implant material consists of a chemically bonded ceramic material that is compatible with the bonding system. Accordingly, it is preferred that also the dental

filling material/implant material comprises a powdered material, the binder phase of which essentially consisting of a calcium based cement system, which powdered material has the capacity following saturation with a hydration liquid reacting with the binder phase to hydrate to a chemically bonded ceramic material, said powdered material and/or said hydration liquid comprising water soluble phosphate or a phase that ~~has the capacity to form water soluble~~ forms phosphate ions during hydration, whereby the dental filling material/implant material exhibits the capacity during hydration to form apatite. Hereby, an excellent integration and bonding is achieved between the actual bonding system and the dental filling material/implant material. It should be understood that also other aspects that have been described here for the bonding system, can be applicable for the dental filling material/implant material. However, the dental filling material/implant material is suitably adapted for the formation of a lower content of apatite, 0.01-30 % by volume apatite preferably being formed in the cement system during the hydration.--